Outdoor Constructed Features





We are about to review Federal Guidelines...



Outdoor Constructed Features





Picnic Facilities

Developed for outdoor recreational purposes that contains picnic units



Picnic Unit

Outdoor space in a picnic facility that contains outdoor constructed features



Picnic Facilities



At least 20% of picnic units in picnic facility where two or more picnic units are provided

Two or fewer = each accessible

Camping Facilities

Camping facility – developed for outdoor recreational purposes that contains camping units





Camping Unit

Outdoor space in a camping facility that contains outdoor constructed features, RV parking spaces, tent pads or tent platforms, or camp shelters





Camping Facilities

Total Number of Camping Units Provided	Minimum Number of Accessible Camping Units Required
in Camping Facility	
1	1
2 to 25	2
26 to 50	3
51 to 75	4
76 to 100	5
101 to 150	7
151 to 200	8
201 and over	8, plus 2 percent of the number over 200

Common Use Areas

20% of outdoor constructed features in public and common use areas serving accessible picnic units

Dispersion of accessible picnic units required

ORAR connection



Viewing Area

Outdoor space developed for viewing a landscape or point of interest







Outdoor Constructed Features:

Bench

Camp Shelter

Fire Ring, Grill, Wood Stove, & Fireplace

Outdoor Rinsing Shower

Parking Space

Picnic Table

Tent Pad



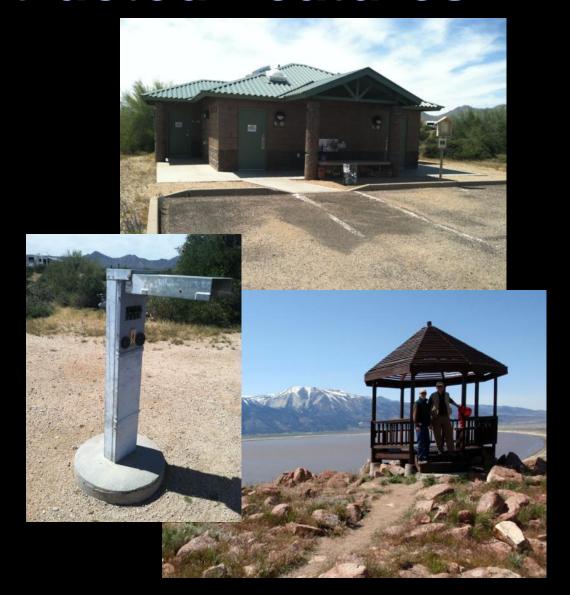
Outdoor Constructed Features:

Tent Platform

Trash/Recycling Receptacle

Utility/Sewage Connection

Viewing Area
Viewing Scope
Water Spout





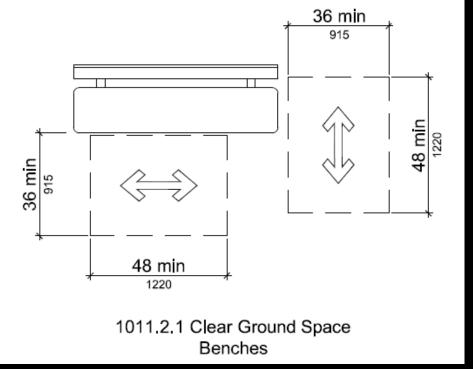
Clear Ground Space:

36"min x 48" in any orientation to the bench.

Positioned for Shoulder to Shoulder recommended

Not to overlap ORAR or Trail







Camp Shelters





Camp Shelters

Clear Ground Space:

48"min x 36"min

Oriented Parallel

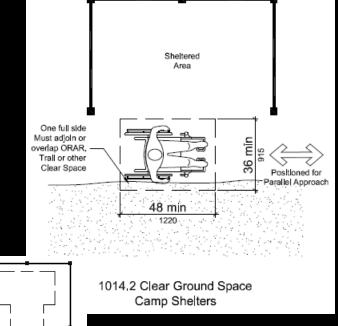
Can Overlap ORAR

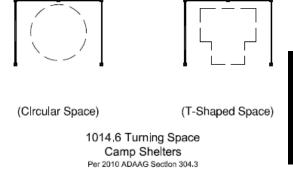
Turning Space Inside:

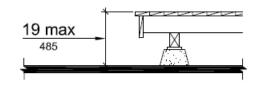
Per section 304.3

Platform Height:

19"max







1014.5 Floor Height Camp Shelters



Fire Rings, Grills, Fireplaces, and Wood Stoves



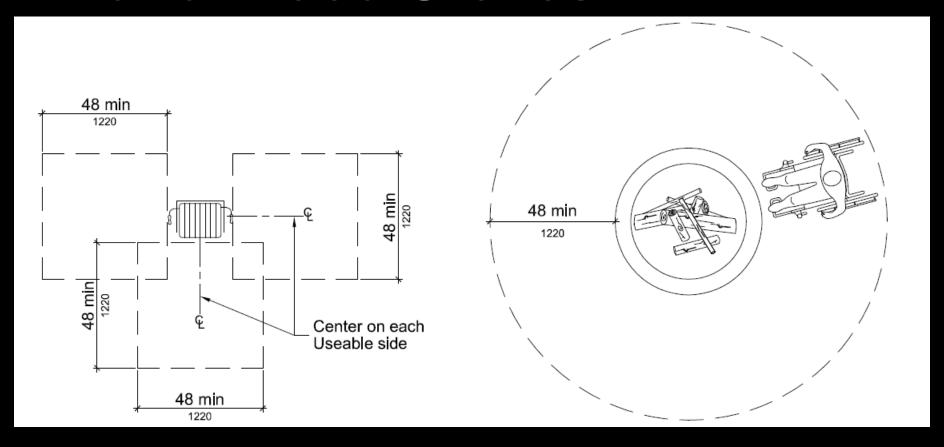








Fire Rings, Grills, Fireplaces, and Wood Stoves



Clear Space: 48" x 48" on all useable sides



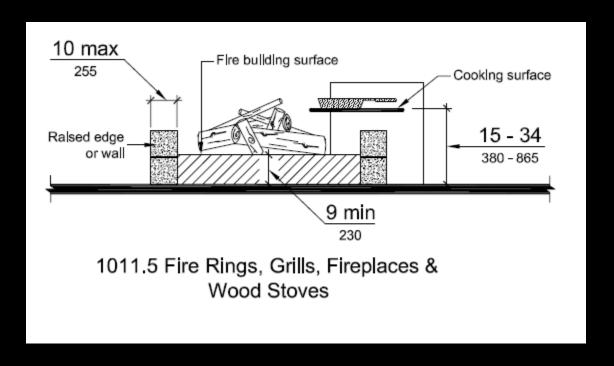
Fire Rings, Grills, Fireplaces, and Wood Stoves

Cooking Surface:

15"min - 34"max

Fire Building Surface:

9"min above Adjacent surface



Raised Edge or Wall:

10" wide max



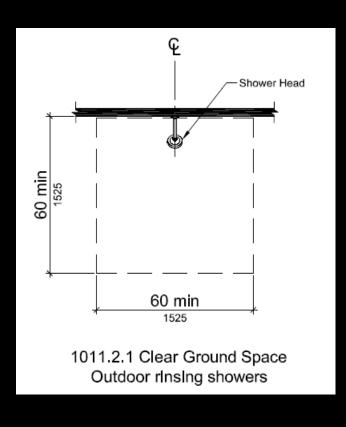
Outdoor Rinsing Shower







Outdoor Rinsing Shower



Clear Space:

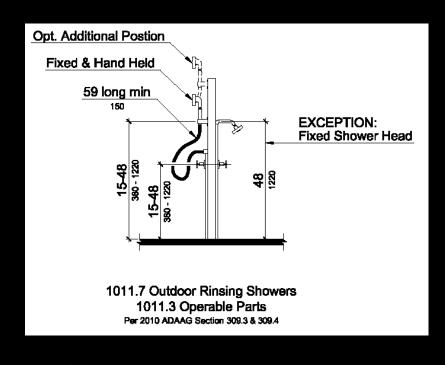
60"min x 60"min

Centered on Shower Head

Shower pedestal or wall
with shower head at rear



Outdoor Rinsing Shower



Shower Head:

Hand-held spray unit with a hose 59" long minimum

At least one fixed position located 15" min and 48" max above the ground



EXCEPTION: Where vandalism is a consideration, a fixed shower head located at 48" is permitted in place of a hand-held

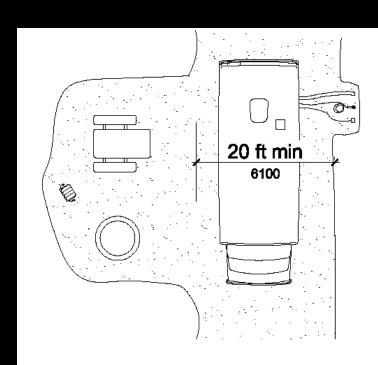
A C C A S S B O A

Parking Spaces Within Camping & Picnic Units

Recreational Vehicle Pull-up Spaces



Clear Width: 20ft wide min



1012.2 Recreational Vehicles
Parking Spaces in Camping Units and Picnic
Units and Pull-Up Spaces at RV Dump
Stations with Mobility Features



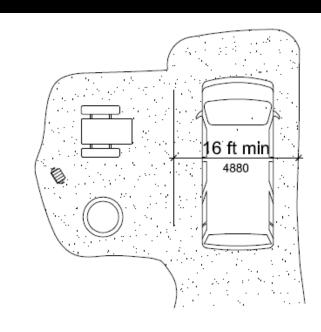
Parking Spaces Within Camping & Picnic Units

Other Vehicles



Clear Width:

16ft wide min



1012.3 Other Vehicles
Parking Spaces within Accessible Camping
Units and Picnic Units and Pull-Up Spaces at
RV Dump Stations



Parking Spaces Within Camping & Picnic Units

Surface:

Firm and stable

Slope:

Not steeper than 2% in any direction

EXCEPTION: Where the surface is other than asphalt, concrete, or boards, slopes not steeper than 5% shall be permitted when necessary for drainage

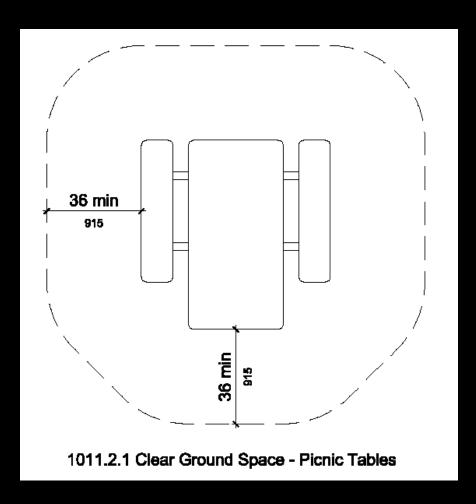








Picnic Tables



Clear Ground Space: 36" min all useable

36" min all useable sides

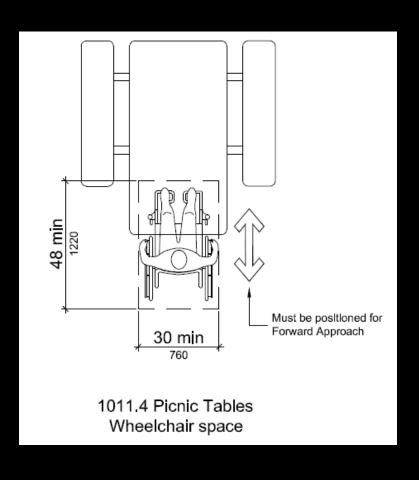




Wheelchair space:

Min one for each 24 linear ft of usable surface perimeter





Wheelchair spaces

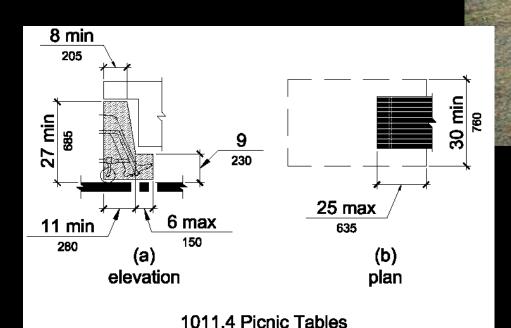
30" min by 48" min

Positioned for forward approach

Knee and toe clearance complying with 306 under the table.



Picnic Tables



Knee & Toe Clearance per 306

Wheelchair spaces

Knee and toe clearance complying with Sec 306



Tent Pads & Tent Platforms

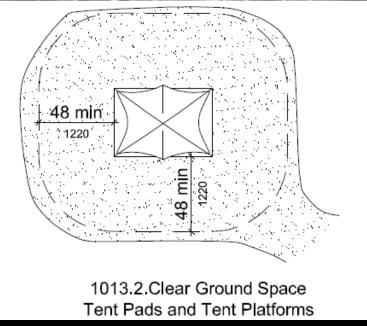
Clear Ground Space:

provided on all usable sides of pads and platforms 48"min width

Surface:

Firm & Stable, but allow use of tent stakes and other tent securement devices







Tent Pads & Tent Platforms

Slope:

2% max any direction EXCEPTION: 5% max unpaved surface where necessary for drainage



Platform Height:

19" high max

Measured from the clear ground space to the tent platform surface



Trash & Recycling Receptacles











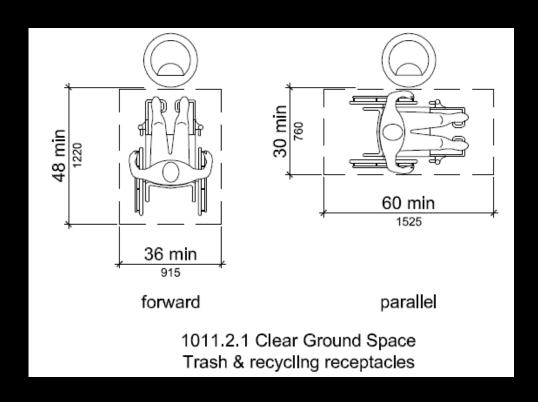


Trash & Recycling Receptacles

Clear Ground Space:

36" x 48" min at Forward Approach

60" x 30" min at Parallel Approach





Trash & Recycling Receptacles

Operable Parts:



Receptacles with hinged lids and controls to keep out large animals shall comply to the extent practicable

Dumpster type receptacles shall not be required to comply





Utility or Sewage Hookup



Clear Space:

30" by 60" min

Long side adjoining or overlapping accessible parking or pull-up

Locate so hook-ups are at rear center

Not obstructed by bollards or other barriers



Clear Ground Space:

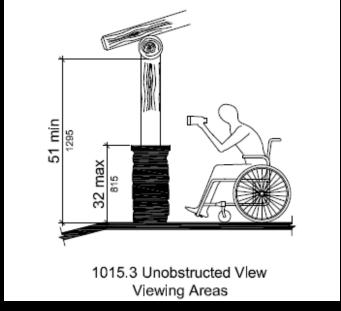
Provided at each distinct viewing location

36" min by 48" min

Clear Viewing Space:

From 32" max to 51"min





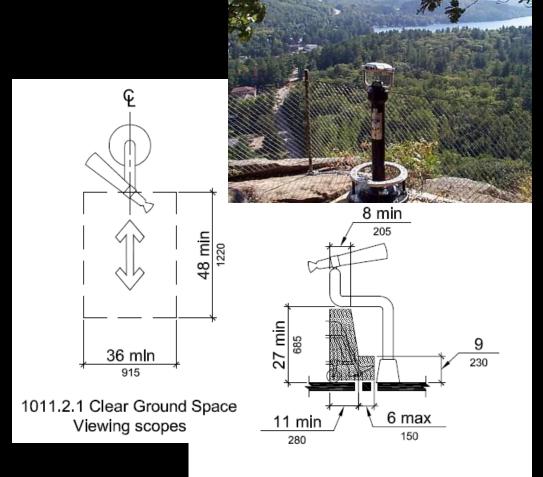


Clear Ground Space:

36"min x 48" min

Centered on Eye Piece

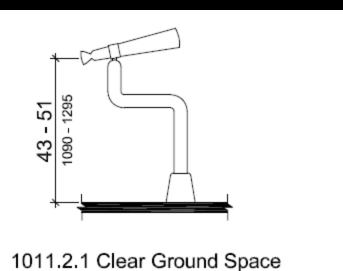
Knee & Toe Clearance per Sec 306



1011.2.1 Clear Ground Space Viewing scopes, Knee & Toe Clearance (306)



Eye Piece Height: 43"min and 51"max



Viewing scopes, Knee & Toe Clearance (306)



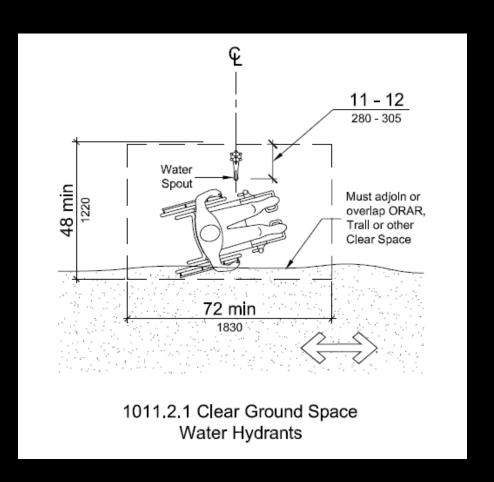


Clear Ground Space:

72"min x 48"min

Spout located 11-12" from back center

Adjoin or overlap ORAR, Trail or other Clear Space



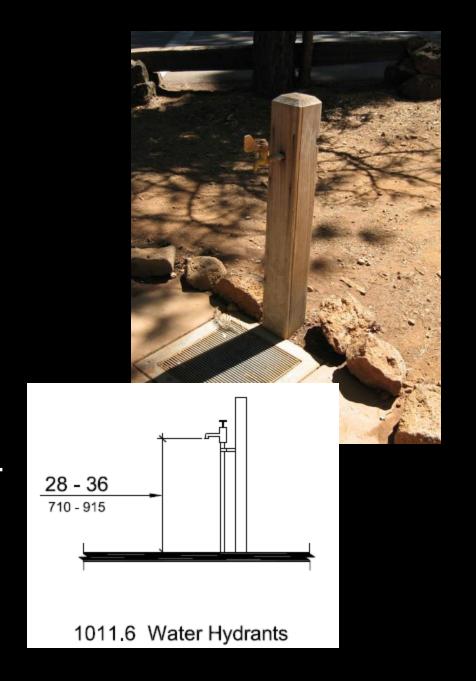


Spout Height:

28"min and 36"max above ground surface

Operable parts:

Comply with 309.3 & 309.4 to extent practicable



Acknowledgement (DORAP)

Phase I & II funding for the Developed Outdoor Recreation Assessment Process was provided by the U.S. Department of Agriculture through the Small Business Innovation and Research program Grant number 2013-33610-21051

Beneficial Designs, Inc.

Minden, Nevada

www.beneficialdesigns.com trails@beneficialdesigns.com

775.783.8822 voice

775.783.8823 fax

Working toward universal access through research, design & education